

703-746-9874
CATHERINE WILLIAMS

Form PTO-948 (Rev. 06/03)

Application No.

10/691224

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 10/22/2003 are:

- A. ☐ Approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ Objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWING. 37 CFR 1.84(a): Acceptable

categories of drawings: Black ink or

Color (3 sets required).

Color drawings are not acceptable until petition is

granted. Fig(s)

Pencil and non black ink not permitted. Fig(s)

2. PHOTOGRAPHS. 37 CFR 1.84(b)

One (1) full-tone set is required. Fig(s)

Photographs may not be mounted. 37 CFR 1.84(c)

Photographs must meet paper size requirements of

37 CFR 1.84(f). Fig(s)

Poor quality (half-tone). Fig(s)

3. TYPE OF PAPER. 37 CFR 1.84(e)

Paper must be flexible, strong, white, and durable.

Fig(s)

Erasure, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable

sizes:

21.0 cm by 27.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s)

Drawing sheets not an acceptable size. Fig(s)

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

Margins not acceptable. Fig(s)

Top (T) Left (L)

Right (R) Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to

correspond to drawing changes, e.g., if Fig. 1 is

changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the

specification at the Brief Description of the Drawings, must likewise be changed.

Views not labeled separately or properly.

Fig(s) 2, 4, 11, 15, 16, 19, 33, 38, 39

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Section designation should be noted with

Arabic or Roman numbers. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s)

10. CHARACTER OF LINES, NUMBERS, &

LETTERS. 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s)

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s)

Solid black shading not permitted. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE

CHARACTERS. 37 CFR 1.84(p)

Numbers and reference characters not plain and legible. Fig(s)

Figure legends are poor. Fig(s)

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s)

English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s)

Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s)

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS.

37 CFR 1.84(t)

Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s)

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)

16. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate.

Fig(s) 3, 4, 5, 6, 7

Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s)

COMMENTS:

Reviewer

If you have questions, call (703) 305-8404.

703-305-0895

Date

2-2-2005

Attachment to Paper No.